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AMENDMENTS TO THE CLAIMS

Please **REWRITE** claims 1, 7-11, 14-17, 19-22, and 24-25. Please **CANCEL** claims 6 and 23. For the Examiner's convenience, this Second Preliminary Amendment includes the text of all claims under examination, a parenthetical expression for each claim to indicate the current status of the claim, and markings to show the changes to a claim relative to the immediate prior version of that claim.

1. (Currently Amended) A system for managing digital resources on a network, the network connects to at least one network site having at least one network server to access a first digital resource and a second digital resource, the first digital resource having a link to the second digital resource, the system comprising:

a change-detection system connected to the network, comprising: wherein the change-
~~detection system examines the first digital resource and the second digital resource~~
~~to detect an error in the link to the second digital resource; and~~

a collection system for retrieving metadata from said at least one network site, and

storing the metadata in a database, wherein the metadata describes said at

least one network server, the first digital resource, the second digital

resource, and the link to the second digital resource; and

a detection system for examining the metadata to identify the link to the second

digital resource, sending a connection request to said at least one network

server for the second digital resource, receiving a status code in response to

the connection request, and examining the status code; and

a notification system for communicating ~~that communicates a message describing the error~~

to an author based on a value of the status code, wherein when the status code indicates that the connection request did not succeed normally, the message includes a description of the status code and the metadata related to the status code of the first digital resource.

2. (Original) The system of claim 1 further comprising:
a registration system connected to the network, the registration system having an interface
for a subscriber to create an association in a database between the author and the first
digital resource.
3. (Original) The system of claim 2, wherein the notification system further comprises:
a first notification subsystem that submits a query to the database to retrieve the author of
the first digital resource; and
a second notification subsystem that determines the author of the first digital resource if the
query by the first notification subsystem fails to retrieve the author of the first digital
resource.
4. (Original) The system of claim 3, wherein the second notification subsystem determines the
author of the first digital resource by applying heuristic algorithms and performing a
probabilistic analysis.
5. (Original) The system of claim 1 further comprising:
an administrative system having an interface for an operator to maintain the system.

6. (Canceled).
7. (Currently Amended) The system of claim 1 6, wherein the collection system includes a Web-crawler that retrieves metadata ~~data~~ from said at least one network site.
8. (Currently Amended) The system of claim 1, wherein the notification system includes a resolution system that generates the message ~~describing the error in the link to the second digital resource.~~
9. (Currently Amended) The system of claim 1, wherein the message further includes at least one resolution ~~for the error.~~
10. (Currently Amended) The system of claim 9, wherein the message further includes a recommended resolution ~~for the error.~~
11. (Currently Amended) The system of claim 10, wherein the message further includes a modified first digital resource comprising a copy of the first digital resource altered by application of the recommended resolution ~~for the error.~~
12. (Original) The system of claim 11, wherein the notification system further communicates a request to said at least one network server to replace the first digital resource with the modified digital resource.

13. (Original) The system of claim 12, wherein the message includes an indication that the notification system replaced the first digital resource with the modified first digital resource.
14. (Currently Amended) A method for managing digital resources on a network, the network connects to at least one network site having at least one network server to access a first digital resource and a second digital resource, the first digital resource having a link to the second digital resource, the method comprising the steps of:
- creating an association in a database between an author and the first digital resource;
 - retrieving metadata data from said at least one network site, the metadata describing said at least one network server, the first digital resource, the second digital resource, and the link to the second digital resource;
 - storing the metadata data in the database;
 - examining the metadata to identify the link to the second digital resource ~~first digital resource and the second digital resource to detect an error in the link to the second digital resource;~~
 - sending a connection request to said at least one network server for the second digital resource;
 - receiving a status code in response to the connection request;
 - examining the status code; and
 - ~~generating a message describing the error; and~~
 - communicating ~~a~~ the message to the author based on a value of the status code, of the first digital resource

wherein when the status code indicates that the connection request did not succeed

normally, the message includes a description of the status code and the metadata
related to the status code.

15. (Currently Amended) The method of claim 14, wherein the message further includes ~~including~~ at least one resolution ~~for the disparate content~~.
16. (Currently Amended) The method of claim 15, wherein the message further includes ~~including~~ a recommended resolution ~~for the disparate content~~.
17. (Currently Amended) The method of claim 16, wherein the message further includes ~~including~~ a modified first digital resource comprising a copy of the first digital resource altered by application of the recommended resolution.
18. (Original) The method of claim 17, wherein the communicating step further comprises:
transmitting a request to said at least one network server to replace the first digital resource
with the modified first digital resource.
19. (Currently Amended) The method of claim 18, wherein the message further includes ~~including~~ an indication that said at least one network server replaced the first digital resource with the modified first digital resource.
20. (Currently Amended) The method of claim 14, ~~wherein the generating step~~ further

comprising comprises:

querying the database for the author of the first digital resource.

21. (Currently Amended) The method of claim 20, wherein when if the querying step fails to retrieve the author of the first digital resource, the querying generating step further comprises:

applying heuristic algorithms; and

performing a probabilistic analysis.

22. (Currently Amended) Computer executable software code stored on a computer readable medium, the code for managing digital resources on a network, the network connects to at least one network site having at least one network server to access a first digital resource and a second digital resource, the first digital resource having a link to the second digital resource, the code comprising:

code to create an association in a database between an author and the first digital resource;

code to store metadata in a database, the metadata describing said at least one network

server, the first digital resource, the second digital resource, and the link to the

second digital resource;

code to detect a change in the link to the second first digital resource; and

code to receive a status code in response to a connection request to said at least one network

server for the second digital resource;

code to communicate a message to notify the author based on a value of the status code,

wherein when the status code indicates that the connection request did not succeed

normally, the message includes a description of the status code and the metadata
related to the status code of the change in the first digital resource.

23. (Canceled).
24. (Currently Amended) The computer executable software code of claim 23, wherein the code to communicate ~~notify~~ the message ~~author~~ further comprises:
code to generate ~~the a message to include a description of describing~~ a resolution for the
~~error; and~~
~~code to communicate the message to the author of the first digital resource.~~
25. (Currently Amended) The computer executable software code of claim 24, wherein the code to communicate the message further comprises:
code to query the database for the author of the first digital resource; and
code to determine the author of the first digital resource by applying heuristic algorithms
and performing a probabilistic analysis when ~~if~~ the code to query the database does
not retrieve the author of the first digital resource.
26. (Original) The computer executable software code of claim 22 further comprising:
code to maintain the database and software processes.